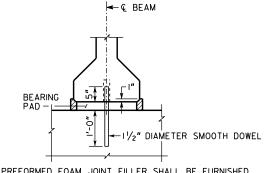


BEARING PAD



PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN SECTION A-A

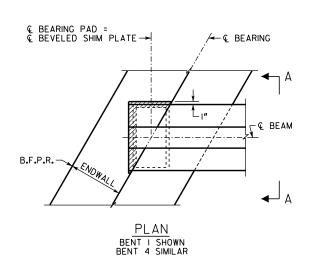
# NOTES

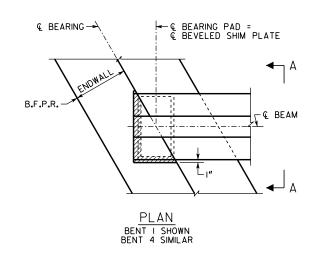
- I. BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 14.7.6 METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, SECTION 18, BEARING DEVICES.
- 2. 1/2" DIAMETER SMOOTH DOWELS SHALL BE ASTM A709 GRADE 50.
- 3. BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.
- 4. 3" DIAMETER HOLE IN BEARING PADS MAY BE FORMED OR DRILLED.
- 5. BEARING PADS SHALL HAVE  $\frac{1}{4}$ " COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.
- 6. 3/6" LOAD PLATES AND 14 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A709 GRADE 36 OR ASTM A1011 GRADE 36.
- 7. NUMBER OF INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATE(S) SPECIFIED SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.
- 8. USE OF 1 $\frac{1}{2}$ ° MOLD DRAFT IS OPTIONAL.

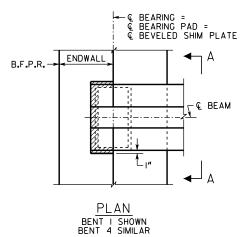
				BEAF	RING PAD	S			
BENT						DESIGN LOADS (KIPS)			
DENT	W	L	Т	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD	
1	Х	х	x	x	х	×	x	х	
2	Х	Х	Х	Х	Х	Х	Х	х	
3	Х	Х	Х	Х	Х	Х	Х	х	
4	Х	Х	х	Х	Х	Х	Х	Х	

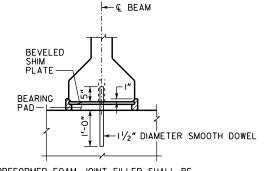
BRIDGE NO. I

	DIVIDOE 140.1
DATE	GEORGIA  DEPARTMENT OF TRANSPORTATION  ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES
	BEARING PAD DETAILS
S NOIS X X X X X X X X X X X X X X X X X X X	X
	X
DRAWING NO. X	x x
BRIDGE SHEET	DESIGNED         X         CHECKED         X         REVIEWED         DLC/SKG           DRAWN         X         DESIGN GROUP         X         APPROVED         DPD
X WHEN PRINTED FULL	
TINCH WHEN PRINTED FOLL	_ SIZE bearing.dgn



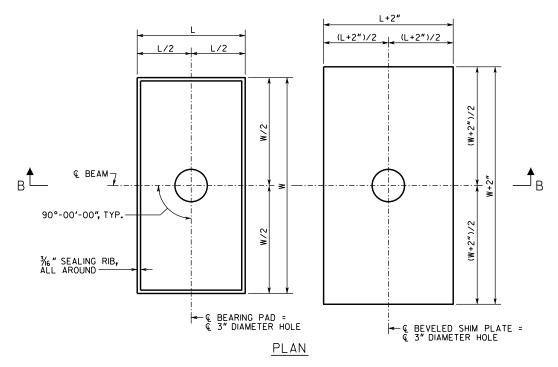


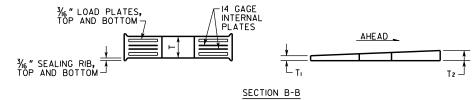




PREFORMED FOAM JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

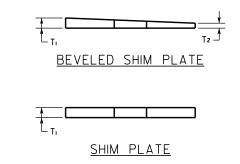
ENDWALL NOT SHOWN SECTION A-A





BEARING PAD

BEVELED SHIM PLATE



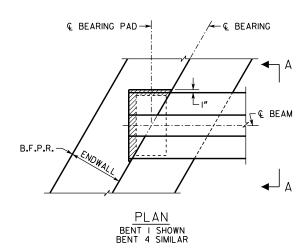
## NOTES

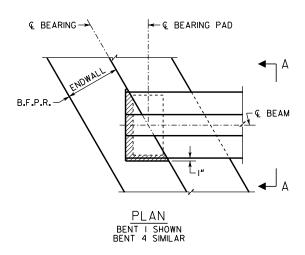
- I. BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 14.7.6 METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, SECTION 18, BEARING DEVICES.
- 2. 1/2" DIAMETER SMOOTH DOWELS SHALL BE ASTM A709 GRADE 50.
- 3. BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.
- 4. 3" DIAMETER HOLE IN BEARING PADS MAY BE FORMED OR DRILLED.
- 5. BEARING PADS SHALL HAVE 1/4" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.
- 6. % "LOAD PLATES AND 14 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A709 GRADE 36 OR ASTM A1011 GRADE 36.
- 7. NUMBER OF INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATE(S) SPECIFIED SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.
- 8. USE OF 1/2° MOLD DRAFT IS OPTIONAL.
- 9. BEVELED SHIM PLATES SHALL BE ASTM A709 GRADE 36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123.

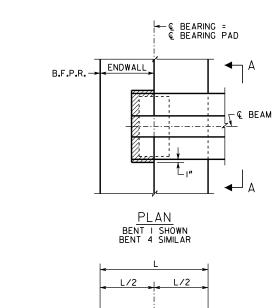
	BEARING PADS											
BENT						DESIGN	N LOADS	(KIPS)	SHIM			
DLINI				NUMBER OF INTERNAL	DESIGN			DEAD LOAD	PLA	IES		
	W	L	Т	PLATE(S)	SHEAR DEFLECTION	DEAD LOAD	(NO IMPACT)	LIVE LOAD	Tı	T <sub>2</sub>		
I	X	Х	Х	X	Х	X	Х	X	X	Х		
2	Х	Х	Х	X	X	X	X	X	X	Х		
3	Х	Х	Х	X	X	X	X	X	X	Х		
4	Х	X	Х	X	X	X	X	X	X	Х		

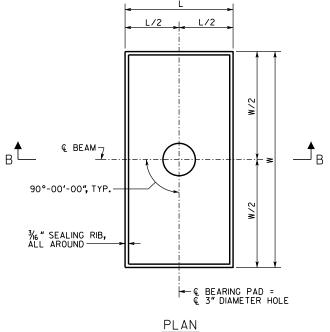
								BRIDGE NO. I		
	DATE		××	<××				GEORGIA T OF TRA N-OFFICE OF BRI		
	REVISIONS	ı	××	< × ×	X	E	ВЕАГ	RING PAD D X	ETAILS	X
DRAWING NO. X	٣				х					Х
BRIDGE SHEET X	ВҮ	×	××	< × ×	DESIGNE DRAWN_			CHECKED X DESIGN GROUP X	REVIEWED_ APPROVED	DLC/SKG DPD
I INCH WHE	N P	RIN	ITED	FUL	L SIZE					bearing.dgn

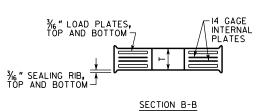




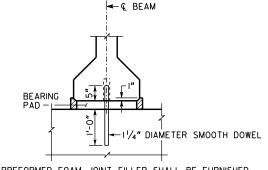








BEARING PAD



PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN SECTION A-A

# NOTES

- I. BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO SPECIFICATIONS DIVISION I, SECTION 14.6.6 METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION I, SECTION 18, BEARINGS.
- 2. 1/4" DIAMETER SMOOTH DOWELS SHALL BE ASTM A709 GRADE 36.
- 3. BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.
- 4. 3" DIAMETER HOLE IN BEARING PADS MAY BE FORMED OR DRILLED.
- 5. BEARING PADS SHALL HAVE 1/4" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.
- 6. 36" LOAD PLATES AND 14 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A709 GRADE 36 OR ASTM A1011 GRADE 36.
- 7. NUMBER OF INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATE(S) SPECIFIED SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.
- 8. USE OF 11/2° MOLD DRAFT IS OPTIONAL.

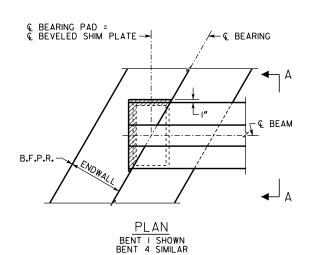
				BEAF	RING PAD	S			
BENT						DESIGN LOADS (KIPS)			
DEINI	W	L	Т	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD	
_	Х	×	x	x	х	×	x	х	
2	Х	×	x	x	х	×	x	х	
3	Х	×	x	х	Х	X	X	х	
4	Х	х	х	Х	Х	Х	Х	Х	

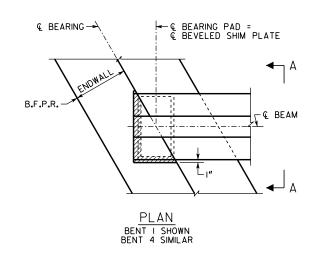
BRIDGE NO. I

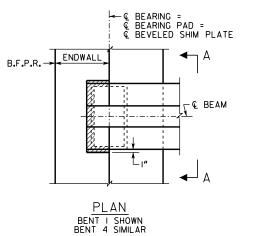
								55			
	DATE	I.J	×	××	×			NT OF	ORGIA TRANSF OF BRIDGES	-	
							BE.	ARING F	AD DETA	ILS	
	SIONS	Ļ	J.	××					Χ		
	REVIS	ш				Χ					X
DRAWING NO. X						Х					Х
BRIDGE SHEET X	ВҮ	×	×	××	×	ESIGNED X		CHECKED X  DESIGN GROUP		REVIEWED_ APPROVED_	DLC/SKG DPD
I INCH V	VHEN F	RIN	TEC	) FUI	L SI	ZE		-		-	bearing.dgn

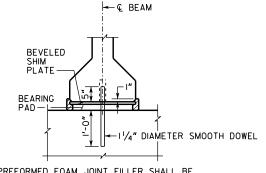
REVISED NOVEMBER 10, 2022

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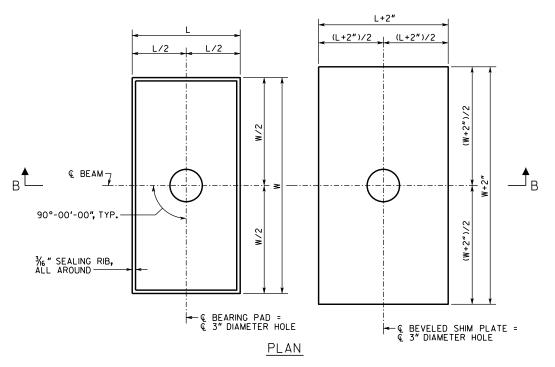


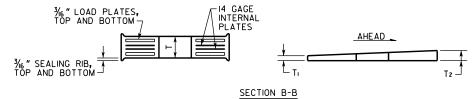




PREFORMED FOAM JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

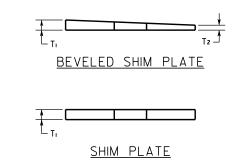
ENDWALL NOT SHOWN SECTION A-A





BEARING PAD

BEVELED SHIM PLATE

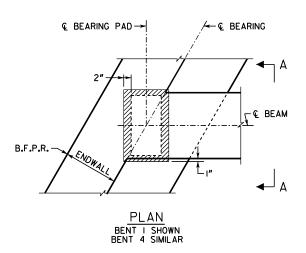


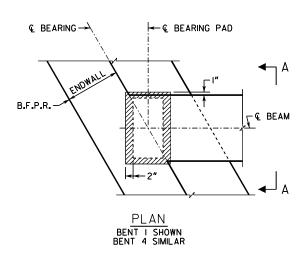
## NOTES

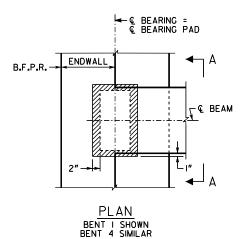
- I. BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO SPECIFICATIONS DIVISION I, SECTION 14.6.6 METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION I, SECTION 18, BEARINGS.
- 2. 11/4" DIAMETER SMOOTH DOWELS SHALL BE ASTM A709 GRADE 36.
- 3. BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.
- 4. 3" DIAMETER HOLE IN BEARING PADS MAY BE FORMED OR DRILLED.
- 5. BEARING PADS SHALL HAVE 1/4" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.
- 6. 36" LOAD PLATES AND 14 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A709 GRADE 36 OR ASTM A1011 GRADE 36.
- 7. NUMBER OF INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATE(S) SPECIFIED SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.
- 8. USE OF  $1\frac{1}{2}$ ° MOLD DRAFT IS OPTIONAL.
- 9. BEVELED SHIM PLATES SHALL BE ASTM A709 GRADE 36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123.

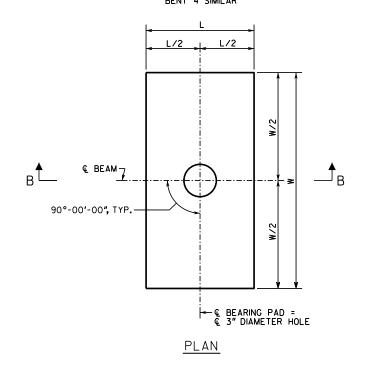
	BEARING PADS											
BENT						DESIGN	N LOADS	(KIPS)	SH			
DLINI				NUMBER OF	DESIGN			DEAD LOAD	PLATES			
	W	L	Т	INTERNAL PLATE(S)	SHEAR DEFLECTION	DEAD LOAD	(NO IMPACT)	LIVE LOAD	Tı	T <sub>2</sub>		
1	X	X	Х	X	Х	X	Х	X	X	Х		
2	Х	Х	Х	X	X	X	X	X	X	Х		
3	Х	Х	Х	X	X	X	X	X	X	Х		
4	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х		

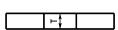
							BRIDGE NO. I		
	DATE		××	××			GEORGIA I <b>T OF TRA</b> IN-OFFICE OF BRID		
	Ī⋝	ı	××	××	X	BEA	RING PAD DE	ETAILS	X
DRAWING NO.	RE				X				×
BRIDGE SHEET X	ВҮ	×	××	××	DESIGNED X DRAWN X		CHECKED X  DESIGN GROUP X	REVIEWED_ APPROVED_	DLC/SKG DPD
I INCH WHE	N P	RIN	TED	FULI	SIZE				bearing.dgn



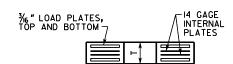




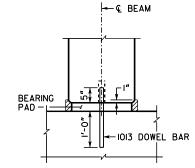




SECTION B-B BEARING PAD "A"



SECTION B-B BEARING PAD "B"



PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN SECTION A-A

### NOTES

- I. BEARING PAD "A" SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION I, SECTION 18, BEARINGS.
- 2. BEARING PAD "B" HAVE BEEN DESIGNED ACCORDING TO AASHTO SPECIFICATIONS DIVISION I, SECTION 14.6.6 METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION I, SECTION 18, BEARINGS.
- 3. BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.
- 4. 3" DIAMETER HOLE IN BEARING PADS MAY BE FORMED OR DRILLED.
- 5. REINFORCED BEARING PADS SHALL HAVE 1/4" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND
- 6.  $\frac{3}{6}$  " LOAD PLATES AND 14 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A 709 GRADE 36 OR ASTM A1011 GRADE 36.
- 7. NUMBER OF LOAD PLATES AND INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATE(S) SPECIFIED SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.
- 8. USE OF 1/2° MOLD DRAFT IS OPTIONAL.
- 9. COST OF FURNISHING AND INSTALLING BEARING PADS SHALL BE INCLUDED IN "LUMP CY SUPERSTR CONCRETE, CL AA".
- IO. SHOULD THE CONTRACTOR CHOOSE TO SUBSTITUTE PRECAST BEAMS FOR THE CAST-IN-PLACE BEAMS SHOWN, BEARING PADS "B" SHALL BE REDESIGNED ACCOUNTING FOR NEW LOADS AND ROTATIONS AND SHALL HAVE 1/6" SEALING RIBS TOP AND BOTTOM. BEARING PADS "A"SHALL REMAIN AS SHOWN.

						BEA	RING PA	OS			
	BENT								DESIGN	N LOADS	(KIPS)
	DENI	DESIGN	W	L	Т	NUMBER OF LOAD PLATES	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD
ſ	1	PAD A	16"	9"	1/2"	-	-	-	-	-	-
	2	x	х	х	x	х	х	х	х	x	х
	3	х	х	х	X	х	Х	х	Х	Х	х
	4	х	х	x	X	х	Х	х	Х	Х	х

BRIDGE NO. I

							BINBOL HOLI	
	DATE	×	×	× ×	×		GEORGIA ENT OF TRAN ISION-OFFICE OF BRIDGI	
						ВІ	EARING PAD DE	TAILS
	SIONS	Ļ	×				X	
	REVIS	Î				Χ		X
DRAWING NO. X						Х		х
BRIDGE SHEET X	ВҮ	×	×:	× >	×	DESIGNED X DRAWN X	CHECKED X DESIGN GROUP X	REVIEWED DLC/SKG APPROVED DPD
LINCH WHE	NI C	DIV	TE	, r	1111	CIZE	·	to a collection